

## **405 ASPHALT SURFACE COURSE (LIGHT COVER)**

### **405.01 DESCRIPTION**

Asphalt Surface Course shall consist of constructing hot mixed, hot laid bituminous concrete to a minimum of 1/2 inch as an overlay on clean pavement which first has been given a tack coat as specified in 406. The requirements of 401 apply, except as modified herein.

### **405.02 COMPOSITION**

Asphalt Surface Course shall consist of asphalt cement, fine aggregate, mineral filler and anti strip additive or hydrated lime as required by the approved job mix formula.

### **405.03 MATERIALS**

Requirements of 401.02 apply except as modified herein.

Asphalt cement shall meet the requirements of 802.02(B). Each delivery of asphalt cement from the refinery shall be accompanied by a copy of recently (not more than four weeks) certified results of tests on the material being delivered and a statement as to the type and amount of material contained in each carrier and the identification of the storage tank from which the material is being delivered. This statement shall be presented to the Engineer or his representative upon delivery.

Fine Aggregate shall conform to the requirements of 803.03(C) and shall be nonplastic.

### **405.04 CONSTRUCTION REQUIREMENTS**

Compaction of Asphalt Surface Course (Light Cover) shall not be less than 96 percent of the bulk density of a standard specimen compacted as prescribed in AASHTO T 245 for the number of molding blows as required for the job mix formula or not less than 88 percent of the maximum specific gravity determined in accordance with AASHTO T 209.

The three wheeled roller shall not be used for compacting this material.

### **405.05 MEASURE AND PAYMENT**

The unit of measure for Asphalt Surface Course will be the ton, with quantities determined from weight tickets. The square yardage of complete resurfacing on each designated street will be measured and compared against weight tickets. It is the prime objective to obtain an average resurfacing thickness of 1/2 inch. The quantities in excess of 75 pounds per square yard will not be included in the measurement.

The actual number of tons of Asphalt Surface Course measured will be paid for at the contract unit price per ton, which payment will include cleaning the roadway, and all labor, materials, tools, equipment and incidentals needed to complete specified work.